

Docket No. 0068-0399-0

IN RE APPLICATION OF: Masakazu KANECHIKA, et al.

SERIAL NO: 09/420,524

FILED: October 18, 1999

FOR: METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE AND SEMICONDUCTOR DEVICE

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

Transmitted herewith is an **Amendment and Response to Election of Species Requirement w/Marked-Up Copy** in the above-identified application.

- ☐ No additional fee is required
- ☐ Small entity status of this application under 37 C.F.R. §1.9 and §1.27 is claimed.
- ☐ Additional documents filed herewith:

The Fee has been calculated as shown below:

CLAIMS	CLAIMS REMAINING		HIGHEST NUMBER PREVIOUSLY PAID	NO. EXTRA CLAIMS	RATE	CALCULATIONS
TOTAL	38	MINUS	32	6	× \$18 =	\$108.00
INDEPENDENT	11	MINUS	11	0	× \$84 =	\$0.00
		<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS			+ \$280 =	\$0.00
		TOTAL OF ABOVE CALCULATIONS				\$108.00
		<input type="checkbox"/> Reduction by 50% for filing by Small Entity				\$0.00
		<input type="checkbox"/> Recordation of Assignment			+ \$40 =	\$0.00
		TOTAL				\$108.00

- A check in the amount of **\$108.00** is attached.
- Please charge any additional Fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.
- If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

*Kirsten Grueneberg*  
Norman F. Oblon  
Attorney of Record  
Registration No. 24,618

Kirsten A. Grueneberg, Ph.D.  
Registration No. 47,297



**22850**

Tel. (703) 413-3000  
Fax. (703) 413-2220  
(OSMMN 10/00)

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**IN THE UNITED STATES PATENT & TRADEMARK OFFICE**

IN RE APPLICATION OF:

Masakazu KANECHIKA, et al.

SERIAL NO.: 09/420,524

FILED: October 18, 1999

:

: GROUP ART UNIT: 2823

:

: EXAMINER: J. GARCIA

FOR: METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE AND  
SEMICONDUCTOR DEVICE

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**AMENDMENT AND RESPONSE TO ELECTION OF SPECIES REQUIREMENT**

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

Responsive to the Official Action dated January 15, 2002, Applicants elect, with  
traverse, the species as disclosed in Claims 10 and 11. Claims 10, 11 and new Claims 33-38  
read on the elected species. In addition, please amend the above-identified application as  
follows.

**IN THE CLAIMS**

Please add the following new Claims:

33. (New) The semiconductor device according to Claim 10, which is a single  
electron semiconductor device for controlling propagation of a single electron or a small  
number of electrons;

wherein said conic body is a silicon needle conic body protruded on said substrate as  
at least a part of a propagation passage for the single electron or the small number of  
electrons.

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